

nLLK 15 LED Ex-Linear Light Fitting

2 Linear Light Fitting with LED Tubes (Zone 2 and 22)

The efficient LED solution for your explosion protected lighting engineering

The series of light fittings nLLK 15 LED for Aura UltiLED long life LED tubes combines latest lighting engineering with the requirements of harsh and hazardous environments.

The explosion protected luminaires are approved for use in gas- and dust-Ex-areas fulfilling the requirements of the ATEX directive 2014/34/EU. They are designed and tested according to the latest standards for Ex-equipment

for use in Zone 2 gas Ex-areas and Zone 22 of dust Ex-areas.

The nLLK 15 LED luminaires are helping to increase your safety and save energy. The clear energy saving and the higher quality of lighting are made by use of Aura UltiLED long life LED tubes in combination with a special designed electronic driver that will sustainably reduce your cost of operations.

Easy and economically to install

The standard single-sided through-wiring architecture in conjunction with the generously large terminal compartment offers a cost efficient installation. Double-sided lock with latch points allows the protective bow to be hingeable on both sides meaning the fitting can be mounted without having to pay attention to which side is the correct side.



Features

- High Efficient & Energy saving LED technology
- Cost efficient installation due to single sided through wiring
- Easy maintenance by double sided safety lock
- High lumen output
- High degree of protection IP 66

Ordering details

Type	Content	Terminals	Through-wiring single-ended	Through-wiring twin-ended	Cable gland/ thread	Threaded plug	Blanking plug	Order No.
nLLK 15 LED 600								
nLLK 15 LED 600 (2 x 8 W)	1/6-1K	1 x 6	x	—	1 x M25, plastic	1 x M25		1 3475 208 001
nLLK 15 LED 600 (2 x 8 W)	2/6-2K	2 x 6	—	x	2 x M25, plastic	2 x M25	1	1 3475 208 011
nLLK 15 LED 600 (2 x 8 W)	1/6-1M ¹⁾	1 x 6	x	—	2 x M20, metal thread	1 x M20		1 3475 208 021
nLLK 15 LED 600 (2 x 8 W)	2/6-2M ¹⁾	2 x 6	—	x	4 x M20, metal thread	2 x M20		1 3475 208 031
nLLK 15 LED 1200								
nLLK 15 LED 1200 (2 x 17 W)	1/6-1K	1 x 6	x	—	1 x M25, plastic	1 x M25		1 3475 217 001
nLLK 15 LED 1200 (2 x 17 W)	2/6-2K	2 x 6	—	x	2 x M25, plastic	2 x M25	1	1 3475 217 011
nLLK 15 LED 1200 (2 x 17 W)	1/6-1M ¹⁾	1 x 6	x	—	2 x M20, metal thread	1 x M20		1 3475 217 021
nLLK 15 LED 1200 (2 x 17 W)	2/6-2M ¹⁾	2 x 6	—	x	4 x M20, metal thread	2 x M20		1 3475 217 031

¹⁾ with metal thread, without cable gland / Metal cable glands see catalogue part 2: 2.3.12 ff

Scope of delivery without lamp and fixing accessories. Please order LED tubes separately.

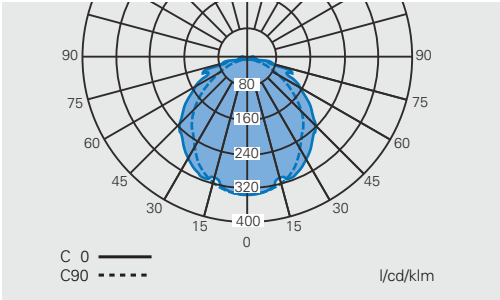
LED tubes

Type	Application	Luminous flux	Light colour / CR	Length	Order No.
Aura UltiLED Long Life (G4) 840 8W	nLLK 15 LED 600	1.100 lm	4.000 K / R _a 80	600 mm	3 2475 902 002
Aura UltiLED Long Life (G4) 840 17W	nLLK 15 LED 1200	2.220 lm	4.000 K / R _a 80	1200 mm	3 2475 902 004

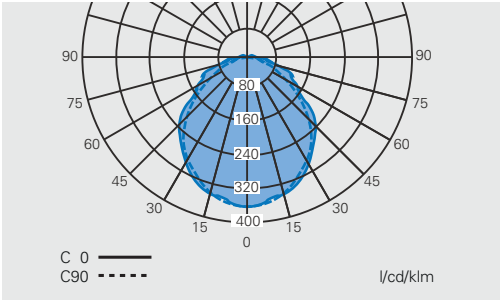
2.16 Dimension drawing / polar curve

nLLK 15 LED 600 / 1200

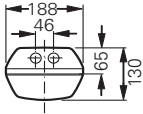
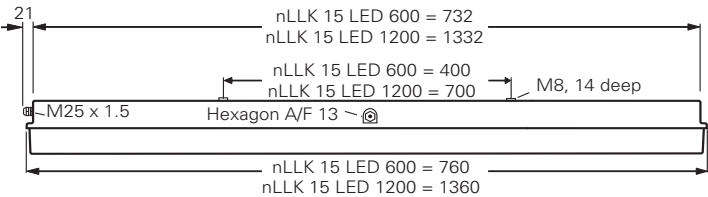
Polar curve nLLK 15 LED 600



Polar curve nLLK 15 LED 1200



Dimension drawing nLLK 15...



Dimensions in mm



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Technical data

	nLLK 15 LED 600	nLLK 15 LED 1200
EC-Declaration of conformity	CCH 15 ATEX 1044	CCH 15 ATEX 1044
Marking accd. to 2014/34/EU and 2014/34/EU	Ⓢ II 3 G Ex ec IIC T4 Gc Ⓢ II 3 D Ex tc IIIC T80 °C Dc	Ⓢ II 3 G Ex ec IIC T4 Gc Ⓢ II 3 D Ex tc IIIC T80 °C Dc
Permissible ambient temperature	-25 °C up to +50 °C (+55 °C on request)	-25 °C up to +45 °C
Lifetime electronic driver	>160,000 h @ 25 °C	>100,000 h @ 25 °C
Lifetime LED tubes	L80/B10 >58,000 h @ 25 °C	L80/B10 >58,000 h @ 25 °C
IK-class according to EN 50102	IK 10 ± 20 J	IK 10 ± 20 J
Rated voltage	220 - 240 V AC / DC	220 - 240 V AC / DC
Rated current	0.096 A	0.173 A
Rated power consumption	18.2 W	36.5 W
Frequency	0/50 - 60 Hz	0/50 - 60 Hz
Power factor cos φ	≥ 0.90	≥ 0.90
Circuit	electronic driver	electronic driver
Protection class	I	I
Lamp / Illuminant	2 x Aura UltiLED long life 8 W	2 x Aura UltiLED long life 17 W
Rated luminous flux of the luminaire	1845 lm ¹⁾	3800 lm ¹⁾
Lamp cap	G5 accord. IEC 60061-1	G5 accord. IEC 60061-1
Dimensions (L x W x H)	760 x 188 x 130 mm	1360 x 188 x 130 mm
Connecting terminals	L, L1, L2, L3, N, PE screw-type terminals max. 6 mm ² single wire	L, L1, L2, L3, N, PE screw-type terminals max. 6 mm ² single wire
Enclosure colour	RAL 7035 light grey	RAL 7035 light grey
Enclosure material	glass-fibre reinforced polyester	glass-fibre reinforced polyester
Weight	3.6 kg	5.8 kg
Cable glands / gland plates / enclosure drilling	Ex e cable glands M25 x 1.5 (plastic) optional M20 x 1.5 metal thread ²⁾	Ex e cable glands M25 x 1.5 (plastic) optional M20 x 1.5 metal thread ²⁾
Degree of protection accd. to EN 60529	IP66	IP66
Protective cover / protective bowl	Polycarbonate	Polycarbonate

¹⁾ please order the lamps separately

²⁾ with dustcover if entry/thread is not closed